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Office of Research and Economic Development, Florida International University

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Awards Received—April 2017

FIU researchers were awarded \$6,064,144 in April 2017. Below is a listing of awards received.

Alexander Agoulnik

College of Medicine
 Bayer Pharmaceuticals
 Increase
 Small molecule relaxin receptor agonists in treatment of uterine fibroids \$19,007

Alexander Agoulnik

College of Medicine
 National Institutes of Health
 Initial
 Relaxin receptor agonists for treatment of liver fibrosis \$446,412

Alexander D Casas

University Police
 National Oceanic and Atmospheric Admin
 Increase
 Guard Services for the National Hurricane Center \$305,629

Atorod Azizinamini

College of Engineering and Computing
 Florida Department of Transportation
 Initial
 Development of Quality Assurance and Quality Control System \$342,913

Carlos Arturo Espinal Tejada

College of Public Health Social Work
 Sanofi
 Initial
 Dengue Vaccine Guidelines Development \$126,540

Charles Packianathan

College of Medicine
 FIU Foundation
 Initial
 Understanding the pathways of human AS3MT using X-ray crystallography \$50,000

Daniel Bagner

College of Arts, Sciences & Education
 National Institute of Mental Health
 Initial
 Mental Health Services for Infants/Toddlers Receiving Part C Early Intervention \$219,750

Edward P Murray

Steven J. Green School of International & Public Affairs
 City of Hallandale
 Initial
 City of Hallandale Beach CRA Evaluation Committee Participation \$3,500

Elizabeth Anderson

College of Arts, Sciences & Education
 FIU Foundation
 Initial
 Piloting Low Cost Remote Sensors for Sustainable Water Management in the Andes \$45,590

June 2017

**Awards Received
 April 2017**

**Funding
 Opportunities
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Eric Thomas Brew

College of Arts, Sciences & Education
 National Science Foundation
 Pre-Award
 Graduate Research Fellowship Program

\$10,000

Grover L Larkins

College of Engineering and Computing
 Air Force Office of Scientific Research
 Continuation
 Potentially Useful and Novel Properties of Doped 2-Dimensional Materials

\$150,000

Haiyan Jiang

College of Arts, Sciences & Education
 NASA Goddard Space Flight Center
 Initial
 The Contribution of Different Precipitation Types to the Symmetric Process

\$100,000

Hui Huang

College of Public Health Social Work
 Florida State University
 Initial
 A pilot test and initial validation of a quality rating scale for Florida's residential group homes

\$9,831

Jacob McPherson

College of Engineering and Computing
 Northwestern University
 Initial
 IREK12: Spinal stimulation for neuropathic pain

\$135,000

Jeffrey Allen Boyd

College of Medicine
 FIU Foundation
 Initial
 Detection of Somatic Pre-Cancerous Mutations in Tampons of Patients

\$10,000

Jennifer Rehage

College of Arts, Sciences & Education
 South Florida Water Management District
 Initial
 Role of coastal lakes as fish habitat for recreational fisheries

\$85,000

Jonathan A Zawislak

College of Arts, Sciences & Education
 NASA Goddard Space Flight Center
 Continuation
 The Relationship between Precipitation and Environmental Forcing

\$84,305

Joseph Daniel Sinicrope

ARC Applied Research Center
 U.S. Army Corps of Engineers
 Initial
 Research and Development Initiatives in support of ERDC's Coastal

\$27,231

Julio E Ibarra

CIARA

National Science Foundation

Increase

IRNC Backbone - AmLight Express and Protect (Exp)

\$1,000,000

Katie Hart

College of Arts, Sciences & Education

Children's Trust

Initial

FIU Summer Academy: School Readiness Summer Program for Young Children

\$19,385

Katie Hart

College of Arts, Sciences & Education

Children's Trust

Initial

Reading Explorers Program

\$136,434

Kenneth J Lipartito

Steven J. Green School of International & Public Affairs

Historic Hampton House Community Trust

Initial

Historical Exhibit for Hampton House

\$39,231

Kevin Boswell

College of Arts, Sciences & Education

University of South Florida

Initial

Spawning Habitat and Early-Life Linkages to Fisheries (SHELF)

\$13,221

Leonel Lagos

ARC Applied Research Center

Indian River State College

Initial

FIU Support to RCNET's Renewal Proposal for a National Advanced

\$100,000

Lowell B Cooper III

Library Operations

Southeast Florida Library Information Ne

Initial

Preserving Trans-municipal History in Southeast Florida: A Historical Society

\$4,500

Marianna Baum

College of Public Health Social Work

Case Western Reserve University

Initial

An unbiased OMICs approach to identify mechanisms of Cocaine

\$235,834

Melissa Lorrain Baralt

Steven J. Green School of International & Public Affairs

Baptist Health South Florida

Initial

The benefits of bilingualism for children born premature

\$17,789

Michael Cheng Hospitality and Tourism Management American Sugar Refining, Inc. Initial Value Chain Analysis 2017 ASR Inc.	\$33,699
Misak Sargsian College of Arts, Sciences & Education U.S. Department of Energy Continuation Theoretical Studies of High Energy Electron-Nuclear Processes	\$98,000
Mohammed A Hadi College of Engineering and Computing Florida Department of Transportation Initial Multi-Resolution Analysis of Advanced Traffic Management Strategies	\$4,123
Priyanka Alluri College of Engineering and Computing City of Doral Increase Transportation Engineering Technical and Research Support Services	\$14,915
Purnima Madhivanan College of Public Health Social Work Allergy and Infectious Diseases Initial Longitudinal Study of Vaginal Microbiota and Persistent Human Papillomavirus	\$439,500
Rahul Dev Jayant College of Medicine FIU Foundation Initial Intranasal-CNS Delivery of β -NAP Using Novel Simultaneous Spray Technology	\$50,000
Ranu Jung College of Engineering and Computing Arizona State University Initial SoftHand and ANS-NEPH Systems: Integration and Testing	\$247,058
Raul Gonzalez Jr. College of Arts, Sciences & Education National Institute on Drug Abuse Increase Decision-Making and Episodic Memory in Trajectories to Cannabis Addiction	\$99,847
Ryan Charles Meldrum Steven J. Green School of International & Public Affairs Florida Department of Juvenile Justice Initial Florida Department of Juvenile Justice Disposition Matrix Evaluation	\$6,999

Shuliang Jiao

College of Engineering and Computing
National Institutes of Health

Initial

Imaging the functional biomarker of photoreceptors \$495,185

Silvia Valdes

Children's Creative Learn Ctr.
Early Learning Coalition of Dade/Monroe

Initial

Quality Counts Support Grant \$562

Tiffany Troxler

College of Arts, Sciences & Education
South Florida Water Management District

Initial

Ecological Monitoring of Water and Habitat Quality Associated \$405,000

Tiffany Troxler

College of Arts, Sciences & Education
National Science Foundation

Initial

Dissertation Research: How do saltwater intrusion and drought interact \$19,045

Timothy Collins

College of Arts, Sciences & Education
Florida Fish and Wildlife Conservation

Initial

The distribution of the New Guinea flatworm *Platydemus manokwari* in Florida \$41,822

Todd Crowl

College of Arts, Sciences & Education
National Park Service

Increase

Provide Specialized Support Services to the Office of Everglades Restoration Initiatives \$329,004

Venkata Subba Rao Atluri

College of Medicine
FIU Foundation

Initial

Therapeutic Effect of Withaferin A and miR-Chimera on Alzheimer's Disease \$20,000

Xia Jin

College of Engineering and Computing
CTS Engineering Inc.

Supplemental

Transportation Statistics Support - FDOT D4 \$2,283

Zahra Sana Hazari

College of Arts, Sciences & Education
Harvard University

Initial

A study of how Pre-College Informal Activities Influence Female in STEM Careers \$20,000

Funding Opportunities

ORED has a new, improved and interactive webpage for funding opportunities. Please visit <http://research.fiu.edu/funding/#current>.

Limited Submissions

Current limited submission opportunities are available at <http://research.fiu.edu/funding/limited-submissions/>.

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